AMENDMENTS TO THE DRAWINGS

The attached sheet of drawing includes changes to FIG. 17. This sheet replaces the original sheet including FIG. 17.   In this new sheet, FIG. 17 has been amended to replace "DTL" with "JTL" as required by the Examiner.

REMARKS

1.   In response to the Office Action mailed October 19, 2006, Applicants respectfully request reconsideration. Claims 1-23 were originally presented in the application. In the outstanding Office Action, all claims have been rejected. By the foregoing Amendments, claims 1, 2, 8, 9, 20, 21, and 23 have been amended. Claims 13 and 14 have been canceled. No claims have been added. Thus, upon entry of this paper, claims 1-12, and 15-23 will be pending in this application. Of these twenty-one (21) claims, three (3) claims (claims 1, 20 and 23) are independent. Based on the above Amendments and following Remarks, Applicant respectfully requests that all outstanding objections and rejections be reconsidered, and that they be withdrawn.

Amendments to the Specification

2.   The amendments to the specification are to address the Examiner's objection to the specification because of various informalities. Applicants have further replaced the Abstract with an Abstract having less than 150 words as required by the Examiner. Based on the above Amendments, Applicant respectfully requests that the objection to the Specification be withdrawn.

Objections to the Drawings

3.   The Examiner has objected to the drawings under 37 C.F.R. §1.121(d) because element 64 of Figure 17 is incorrectly labeled. The replacement drawings sheets attached hereto include a replacement drawing sheet which amends FIG. 17 as recommended by the Examiner. Withdrawal of this objection is, therefore, respectfully requested..

Art of Record

4.   Applicants acknowledge receipt of form PTO-892 identifying additional references made of record by the Examiner.

5.   Applicants thank the Examiner for returning the form PTO-1449 filed by Applicant on August 12, 2003, which have been initialed by the Examiner indicating consideration of the references cited therein.

6.   Applicants have filed an additional Information Disclosure Statement making of reference the references cited in the Specification.

Oath/Declaration

7.   The Examiner has objected to the Oath/Declaration and requested that Applicants submit a petition to correct inventorship pursuant to 37 C.F.R. §1.48. Particularly, the Examiner has stated that the declaration submitted on August 12, 2003 identifies a different inventive entity than the declaration submitted on February 12, 2004.

8.   37 C.F.R. §1.48(a) provides that a request to correct the inventive entity must be submitted if the inventive entity is set forth in error in an **executed** declaration/oath. (*emphasis added*) The declaration submitted by Applicants on August 12, 2003 was not executed. As such, this August 12, 2003 declaration does not trigger the requirements of 37 C.F.R. §1.48. Applicants, accordingly, respectfully request that the Examiner withdraw the objection to the Oath/Declaration for at least this reason.

Claim Objections

9.   Claims 1, 2, 9, 14, 20 and 21 have been objected to because of informalities. Applicants have amended claims 1, 2, 9, 20 and 21, and canceled claims 13 and 14 to overcome these objections. Applicants respectfully request that these objections be withdrawn.

Claim Rejections under 35 U.S.C. §112

9.   Dependent claim 8 has been rejected under 35 U.S.C. § 112, second paragraph, as allegedly being incomplete for omitting essential steps, such omission allegedly amounting to a gap between the steps. Dependent claim 8 has also been rejected under 35 U.S.C. § 112, fourth paragraph, for allegedly failing to incorporate all of the limitations of the claim to which it refers.

10.   Applicants have amended claim 8 and accordingly respectfully request that the Examiner reconsider and withdraw the rejection to claim 8 under 35 U.S.C. §112, second paragraph. With regard to the rejection under 35 U.S.C. §112, fourth paragraph, Applicants note that pursuant to 35 U.S.C. §112, fourth paragraph, dependent claim 8 incorporates all the limitations of claim 1 by simply claiming dependency to independent

claim 1. ("A claim in dependent form shall be construed to incorporate by reference all the limitations of the claim to which it refers.") As such, contrary to the Office Action's allegation, claim 8 by reason of claiming dependency from claim 1 accordingly incorporates all the limitations of claim 1. Applicants therefore respectfully request that the Examiner reconsider and withdraw the rejection to claim 8 under 35 U.S.C. §112 for at least these reasons.

Claim Rejections under 35 U.S.C. §102 and §103

11.   Independent claims 20 and 23 have been rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,263,491 to Hunt (hereinafter, "Hunt"). Independent claim 1 and dependent claims 2-19 and 21-22 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Hunt in view of U.S. Patent No. 6,041,352 to Burdick, *et al.* (hereinafter, "Burdick"). Based upon the above Amendments and following Remarks, Applicant respectfully requests reconsideration and withdrawal of these rejections.

12.   Independent claim 20 recites, in part, "one or more monitoring agents deployed on selected ones of said platforms, each monitoring agent intercepting a request for creating at least one of said COM objects and generating a wrapper object corresponding to said requested COM object." In rejecting claim 20, the Examiner relied on col. 37 line 61 – col. 38 line 57 of Hunt for allegedng disclosing a monitoring agent to intercept requests for creating at least one COM object. (*See,* Office Action at pg. 9). This portion of Hunt discloses a Runtime Executive (RTE) that patches a COM library to intercept component instantiation requests. (*See,* Hunt at col. 37 lines 63-66.) Thus, the Office Action appears to allege that the RTE of Hunt discloses a monitoring agent.

13.   The Office Action, however, fails to identify any disclosure of Hunt for teaching this RTE generating a wrapper object corresponding to a requested COM object. (*See,* Office Action at 9.) As such, Applicants respectfully submit that the rejection of claim 20 is improper for at least the reason that the Examiner has failed to identify any disclosure of Hunt for teaching generating a wrapper object, nor has the Examiner identified what, if anything, disclosed in Hunt allegedly discloses a wrapper object. Applicant accordingly respectfully requests that the Examiner reconsider and withdraw the rejection to claim 20 for at least this reason.

14.   Independent claim 20 further recites, in part, "wherein said wrapper object implements a universal interface having a plurality of virtual functions each indexed by a number corresponding to an index number of a method associated with an interface of said requested COM object." In rejecting claim 20, the Examiner alleged that Col. 8 lines 22-49, Fig. 3, col. 45 line 63-col. 46 line 30 and FIG. 17 of Hunt allegedly disclose implementing a universal interface having a plurality of functions. The Examiner further stated that the virtual function table of Hunt allegedly corresponds to the universal interface of claim 20.

15.   The virtual function table of Hunt is disclosed as being included in the COM object itself. Particularly, FIG. 3 of Hunt illustrates a COM object 60 that includes the virtual function table 64. As such, the virtual function table of Hunt is not implemented by a wrapper object. Rather, this virtual function table 64 is implemented by the COM object. Thus, the virtual function table of Hunt cannot correspond to the universal interface recited in Applicants' claim 20.

16.   Applicants accordingly respectfully submit that Hunt fails to teach or suggest "wherein said wrapper object implements a universal interface," as recited by claim 20. Applicants therefore respectfully request that the Examiner reconsider and withdraw the rejection of claim 20 for at least this additional reason.

17.   Similarly, Applicants respectfully submit that Hunt fails to teach or suggest "wherein said wrapper object implements a universal interface having a plurality of virtual functions each indexed by a number corresponding to an index number of a method associated with an interface of said requested COM object," as recited by claim 20. Particularly, in the Office Action the Examiner relied on the indexes of a COM object in asserting that Hunt discloses this claim limitation. (See, Office Action at 9.) Thus, these indexes of Hunt are not included in a universal interface implemented by a wrapper object corresponding to COM object. Rather, the indexes relied on by the Examiner are for a COM object and not a universal interface of a wrapper object.

18.   Applicants accordingly respectfully submit that Hunt fails to teach or suggest "wherein said wrapper object implements a universal interface having a plurality of virtual functions each indexed by a number corresponding to an index number of a method associated with an interface of said requested COM object," as recited by claim 20.

Applicants therefore respectfully request that the Examiner reconsider and withdraw the rejection to claim 20 for at least this additional reason.

19. Independent claim 23 includes similar recitations to those discussed above with reference to independent claim 20. Applicants therefore respectfully submit that for at least similar reasons to those discussed above, independent claim 23 is likewise in condition for allowance.

20. Independent claim 1 recites, in part, "generating a wrapper object corresponding to said requested COM object, said wrapper object implementing a universal interface having a plurality of virtual functions each indexed by a number corresponding to an index number of a method associated with an interface of said requested COM object." In asserting that Hunt discloses this limitation of claim 1, the Examiner relied on the same bases as discussed above with reference to independent claim 1. Applicants therefore respectfully submit that for at least similar reasons to those discussed above, Hunt fails to teach or suggest this limitation of claim 1. Applicants further respectfully submit that Burdick does not cure, nor has the Examiner alleged that it cures, this defect of Hunt. Applicants accordingly respectfully request that the Examiner reconsider and withdraw the rejection of independent claim 1 for at least these reasons.
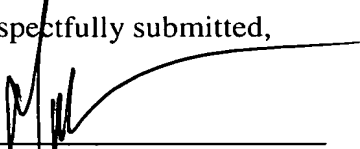
Dependent Claims

21. The dependent claims incorporate all of the subject matter of their respective independent claims and add additional subject matter which makes them *a fortiori* independently patentable over the art of record. Accordingly, Applicant respectfully requests that the outstanding rejections of the dependent claims be reconsidered and withdrawn.

Conclusion

22.   In view of the foregoing, this application should be in condition for allowance. A
notice to this effect is respectfully requested.

Respectfully submitted,

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